

| Ref # | Hits | Search Query   | DBs                                  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------------------------|------------------|---------|------------------|
| S1    | 2045 | 372/69,70,71,72.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 16:25 |
| S2    | 303  | S1 and (waveguide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 16:26 |
| S4    | 194  | S2 and gain  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 16:27 |
| S5    | 13   | S4 and (double?clad near3 fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 17:07 |
| S6    | 39   | S4 and raman   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/13 16:25 |
| S9    | 33   | S4 and (Q?switch or "Q switch" or (Q adj switch\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 17:11 |
| S10   | 33   | S4 and (Q?switch or "Q switch" or ("Q" adj switch\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 17:11 |
| S11   | 33   | S4 and (Q?switch\$3 or "Q switch")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/12 17:12 |
| S12   | 10   | ((("4,829,529") or ("5,533,163") or ("5,583,689") or ("5,815,518") or ("5,854,865") or ("5,892,615") or ("5,999,673") or ("6,160,824") or ("6,411,762") or ("6,563,995"))).PN. or (2002/0168139).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | OFF     | 2005/04/13 11:48 |
| S13   | 198  | raman and (inelastic adj scatter\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/13 11:45 |
| S14   | 3    | 2002/0168139   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR               | ON      | 2005/04/13 11:45 |

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| S15 | 1    | ("20020168139").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | OFF | 2005/04/13 12:32 |
| S17 | 44   | "372".clas. and ((double?clad near3<br>fiber) same length)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/14 09:38 |
| S18 | 2045 | 372/69,70,71,72.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:25 |
| S19 | 303  | S18 and (waveguide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:25 |
| S20 | 194  | S19 and gain  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:25 |
| S21 | 39   | S20 and raman   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:25 |
| S22 | 36   | S21 and (fiber or core)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:26 |
| S23 | 33   | S21 and dop\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:27 |
| S24 | 12   | S21 and (dop\$3 with core)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:27 |
| S25 | 43   | "372".clas. and (double?clad near3<br>fiber) and (glass near5 core)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:54 |
| S26 | 18   | S25 and raman   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:50 |
| S27 | 6    | "372".clas. and (double?clad near3<br>fiber) and (passive near5 core) | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON  | 2005/04/13 16:56 |

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| S28 | 2    | "372".clas. and (double?clad near3 fiber) and (passive near5 core) and raman                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 16:57 |
| S29 | 4    | ("372".clas. or "359".clas.) and (double?clad near3 fiber) and (passive near5 core) and raman | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 16:58 |
| S30 | 35   | raman and (passive with core)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:07 |
| S31 | 23   | S30 and double  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:05 |
| S32 | 332  | raman and (passive with (core or fiber))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:08 |
| S33 | 85   | S32 and double  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:10 |
| S34 | 1656 | raman adj amplifier   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:10 |
| S35 | 151  | S34 and (passive with (core or fiber))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:17 |
| S36 | 34   | S34 and (double?clad)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/13 17:17 |
| S37 | 32   | S36 and core  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 08:15 |
| S38 | 1    | "20030021302".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 08:15 |
| S39 | 0    | ("2003/0021302").URPN.  | USPAT                                | OR | ON | 2005/04/14 09:22 |
| S40 | 1    | "6826335".pn.   | USPAT                                | OR | ON | 2005/04/14 09:27 |
| S41 | 254  | (double?clad near3 fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 09:38 |

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| S42 | 76  | S41 and (ge or germanium)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 10:26 |
| S43 | 173 | S41 and area  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 10:32 |
| S44 | 194 | S41 and (area or radius)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 10:32 |
| S45 | 105 | S41 and ((area or radius) near3<br>(core or cladd\$3))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 11:56 |
| S46 | 273 | 372/3.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 12:25 |
| S47 | 7   | S46 and (double?clad near3 fiber)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 11:57 |
| S48 | 197 | S46 and scatter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 12:28 |
| S49 | 112 | S48 and fiber   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 17:19 |
| S50 | 6   | S46 and (high\$2 adj order with<br>scatter\$3)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 15:26 |
| S51 | 0   | ("2004/0156588").URPN.  | USPAT                                | OR | ON | 2005/04/14 13:52 |
| S52 | 6   | ("3590266"   "4048516"   "4958910"<br>  "5099147"   "5163061"  <br>"5467214").PN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | ON | 2005/04/14 13:59 |
| S53 | 1   | ("4280109").PN.   | US-PGPUB;<br>USPAT;<br>USOCR         | OR | ON | 2005/04/14 15:08 |
| S54 | 13  | ("4280109").URPN.   | USPAT                                | OR | ON | 2005/04/14 15:22 |
| S55 | 33  | S46 and (stokes with scatter\$3) and<br>fiber                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 15:27 |
| S56 | 0   | ("2004/0156588").URPN.  | USPAT                                | OR | ON | 2005/04/14 16:12 |

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| S57 | 6  | ("3590266"   "4048516"   "4958910"<br>  "5099147"   "5163061"  <br>"5467214").PN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR | ON | 2005/04/14 16:12 |
| S58 | 23 | inelastic and (high\$2 adj order) with<br>scatter\$3                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 17:19 |
| S59 | 23 | inelastic and ((high\$2 adj order)<br>with scatter\$3)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 17:21 |
| S60 | 9  | inelastic and ((high\$2 adj order)<br>with scatter\$3) and fiber                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 17:22 |
| S61 | 44 | raman and ((high\$2 adj order) with<br>scatter\$3) and fiber                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/14 17:22 |
| S62 | 1  | "6717963".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/15 08:11 |
| S63 | 1  | "5,818,630".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/15 08:13 |
| S64 | 1  | "5880877".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO | OR | ON | 2005/04/15 08:13 |